

Converting Colors

Hex(CA45FF)

Have a look what the booklet for
Hex(CA45FF) contains.

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Color

Hex(CA45FF)

Conversions

Conversions Part 1

Format	Color
Hex	CA45FF
RGB	202, 69, 255
RGB Percent	79%, 27%, 100%
CMY	0.2078, 0.7294, 0.0000
CMYK	0.21, 0.73, 0.00, 0.00
HSL	283°, 100%, 64%
HSV	283°, 73%, 100%
XYZ	44.5352, 24.0328, 96.8993
YIQ	129.9710, 19.5620, 86.0420

Conversions

Conversions Part 2

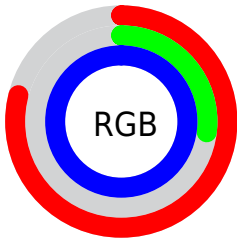
Format	Color
R _Y B	202, 69, 255
Decimal	13256191
CIE Lab	56.12, 77.49, -68.03
CIE LCh	56, 103.113, 318.718
Yxy	24.0328, 0.2691, 0.1452
Android (android.graphics.Color)	4291446271 (0xFFCA45FF)
YUV	129.9710, 61.6393, 63.1694
Hunter-Lab	49.0233, 76.3678, -82.8762

Details

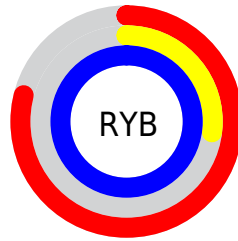
The Hex color **CA45FF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **7AFF45**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF81FF**, and **8F00C5** is the 20% darker color. If you saturate the color by 10%, you get **C32BFF**, and if you desaturate by 10%, it is **D15EFF**.

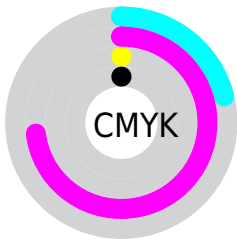
Distribution



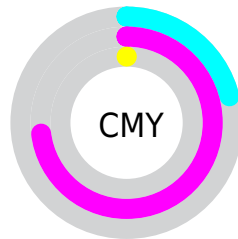
- Red (79%)
- Green (27%)
- Blue (100%)



- Red (79%)
- Yellow (27%)
- Blue (100%)



- Cyan (21%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA45FF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CA45FF by changing the saturation by 10% instead.

 CA45FF

 CA45FF

FFFFFF

 AC21E2

 FF81FF

 8F00C5

 FF9EFF

 7100A9

 FFBBFF

 54008E

 FFD8FF

 350073

 FFF6FF

 12005A

 000041

 00032A

 000114

■ CA45FF

■ CA45FF

■ C32BFF

■ D15EFF

■ BB12FF

■ D978FF

■ B600FF

■ E092FF

■ E7ABFF

■ EEC4FF

■ F6DEFF

■ FDF7FF

FFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



007FFF



CA45FF



FF00AC

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CA45FF



C07700



00AABE

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CA45FF



7AFF45

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00A860



CA45FF



6F9300

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CA45FF



FB4000



00A100



00A8FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CA45FF



FF0071



00A100



00A9A0

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CA45FF



EFC7FF



457DFF



765E80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CA45FF



BF1FFF



FF45DA



7C7380



8900BF



2E0040

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF457A



FF1F5F



45FF6A



807376



BF0036



400012

Previews

White Background



This preview shows how the Hex color CA45FF looks on a white background.

Color Contrast Check

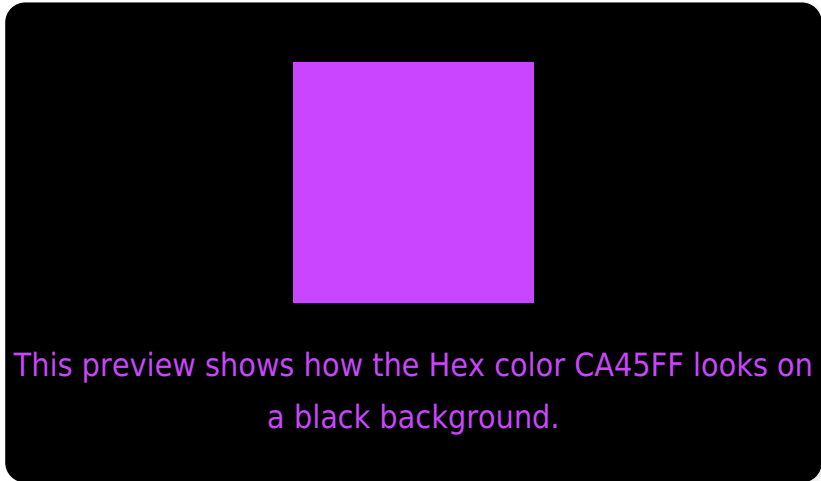
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

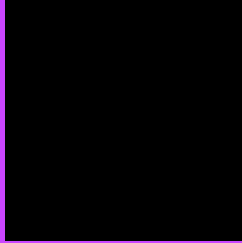
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CA45FF Background



This preview shows how black text looks on a background with the Hex color CA45FF.




This preview shows how white text looks on a background with the Hex color CA45FF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
B6737C

Trichromacy



Original Color
CA45FF



Protanomaly
726CFF



Deuteranomaly
4E70F7



Tritanomaly
BD62AC

Monochromacy



Original Color
CA45FF



Achromatopsia
828282



Achromatomaly
9C6CAF

CSS Examples

Text

The CSS property to change the color of the text to Hex CA45FF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CA45FF looks like.

```
.text, #text, p{  
    color:#CA45FF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CA45FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA45FF
}
```

Border

The CSS property to change the border of an element to Hex CA45FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA45FF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CA45FF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CA45FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA45FF; -webkit-box-shadow:4px 4px  
4px 4px #CA45FF; box-shadow:4px 4px 4px  
4px #CA45FF }
```

Background

The CSS property to change the background color of an element to Hex CA45FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA45FF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CA45FF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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